

Medicare: Data Preprocessing

Preprocessing procedure can be found in Medicare Report

Medicare Trends

<https://data.cms.gov/summary-statistics-on-beneficiary-enrollment/medicare-and-medicaid-reports/medicare-monthly-enrollment>

Preprocess the downloaded "medicare_2013_to_2023.csv" with code file *code_to_clean_dataset_medicare.ipynb* to get "**medicare_final.csv**" to run [medicare.twbx visualization](#).

Medicare Drugs

<https://data.cms.gov/summary-statistics-on-use-and-payments/medicare-medicaid-spending-by-drug/medicare-part-d-spending-by-drug>

Preprocess the downloaded "drugs_data.csv" with code files *code_to_generate_DrugsDataTransformed.ipynb* and *code_to_generate_ManufacturerCount.ipynb* to get "**drugdata_transformed.csv**" and "**n_manf_count.csv**" respectively to run [drugs.twbx visualization](#).

Medicare Physicians, Equipment, and Charges

<https://data.cms.gov/provider-summary-by-type-of-service/medicare-physician-other-practitioners/medicare-physician-other-practitioners-by-provider-and-service>

Preprocess the downloaded "physicians_data.csv" (renamed as "physicians_data_now.csv" after Microsoft Excel's inbuilt preprocessing) with code file *code_to_generate_PhysiciansUpdated.ipynb* to get "**n_physicians_updated.csv**" to run [betos_from_physicians.twbx visualization](#).

Preprocess the generated "n_physicians_updated.csv" with *code_to_generate_PhysiciansOnly.ipynb* to get "**n_physicians_only.csv**" and preprocess this file with *code_to_generate_FemalePhysiciansPercentage.ipynb* to get "**n_female_percentage.csv**" to run [physicians.twbx visualization](#).